

CLAIMS

1.-3. (cancelled).

4. (previously presented) An aqueous disinfecting and cleaning composition according to claim 7 wherein the at least one further nonionic surfactant is an alkoxyated primary alcohol.

5. (previously presented) An aqueous disinfecting and cleaning composition according to claim 7 wherein the binary surfactant system comprises a polymeric alkylene oxide block copolymer.

6. (previously presented) An aqueous composition which comprises 1 part of the aqueous disinfecting and cleaning concentrate composition according to claim 7 per 10 to 64 parts water.

7. (currently amended) ~~Aqueous~~ An aqueous disinfecting and cleaning composition in a concentrated form which exhibits reduced ocular irritation which comprises:

a disinfecting effective amount of a quaternary ammonium compound having germicidal properties;

a mitigating effective amount of a binary surfactant system which comprises both (a) at least one nonionic surfactant selected from alkylpolyglycoside compounds, and (b) at least one nonionic surfactant compound which is based on a polymeric alkylene oxide block copolymer;

0.1 - 10%wt. of at least one further nonionic surfactant;

~~0-3%wt.~~ an amount up to 3 % wt. of a polymeric cationic surfactant based on a polyquaternary ammonium salt;

0 - 3%wt. of a builder;

0 - 5%wt. of one or more conventional additives selected from coloring agents, fragrances, fragrance solubilizers, thickeners, and pH adjusting agents and pH buffers including organic and inorganic salts; and

sufficient water to attain 100%wt.

8. (original) An aqueous disinfecting and cleaning composition according to claim 7 wherein the quaternary ammonium compound having germicidal properties is present in an amount of from about 0.001 - 5% wt.

9. (original) An aqueous disinfecting and cleaning composition according to claim 7 wherein the binary surfactant system is present in an amount of from 0.1 - 10%wt.

10. (cancelled).

11. (previously presented) An aqueous disinfecting and cleaning composition according to claim 7 wherein the at least one further nonionic surfactant is an alkoxylated primary alcohol.

12.-13. (cancelled).

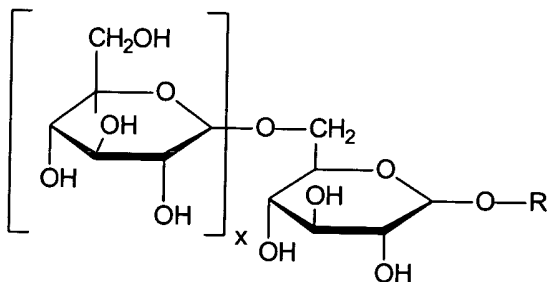
14. (previously presented) A process for cleaning and disinfecting of hard surfaces which comprises the step of:

applying a cleaning and disinfecting effective amount of a composition according to claim 7 to the surface.

15. (currently amended) ~~Aqueous~~ An aqueous disinfecting and cleaning composition in a concentrated form which exhibits reduced ocular irritation which comprises:

a disinfecting effective amount of a quaternary ammonium compound having germicidal properties;

a mitigating effective amount of a binary surfactant system which comprises both (a) a first nonionic surfactant based on an alkylpolyglycoside compound according to the structure:



wherein R is a C₈ – C₁₆ alkyl group, preferably a linear alkyl chain;

x is an integer value of from 0 – 3;

and (b) at least one second nonionic surfactant compound which is based on a polymeric alkylene oxide block copolymer;

0.1 - 10%wt. of at least one third nonionic surfactant;

~~0 - 3%wt.~~ an amount up to 3 %wt. of a polymeric cationic surfactant based on a polyquaternary ammonium salt;

0 - 3%wt. of a builder;

0 - 5%wt. of one or more conventional additives selected from coloring agents, fragrances, fragrance solubilizers, thickeners, and pH adjusting agents and pH buffers including organic and inorganic salts; and
the balance to 100% of water.

16. (cancelled)

17. (currently amended) An aqueous disinfecting and cleaning composition in a concentrated form which exhibits reduced ocular irritation which consists essentially of:

a disinfecting effective amount of a quaternary ammonium compound having germicidal properties;

a mitigating effective amount of a binary surfactant system which comprises both (a) at least one nonionic surfactant selected from alkylpolyglycoside compounds, and (b) at least one nonionic surfactant compound which is based on a polymeric alkylene oxide block copolymer;

~~0 - 3%wt.~~ an amount up to 3 % wt. of a polymeric cationic surfactant based on a polyquaternary ammonium salt;

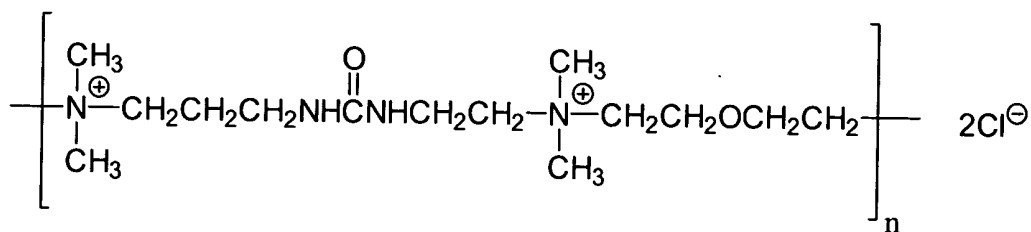
0 - 3%wt. of a builder;

0 - 5%wt. of one or more conventional additives selected from coloring agents, fragrances, fragrance solubilizers, thickeners, and pH adjusting agents and pH buffers including organic and inorganic salts; and

sufficient water to form 100%wt. of the concentrated composition.

18. (cancelled)

19. (new) An aqueous disinfecting and cleaning composition according to claim 17 in which the polymeric cationic surfactant is



wherein n is an integer from 2 to 12.